

A.6 POWER SPECTRAL DENSITY

Test Date	2019/09/29~10/06	Temp./Hum.	22~24°C/52~56%
Cable Loss	0.60dB	Tested By	Brian Hsieh
Test Voltage	AC 120V, 60Hz (via AC Adapter)		
Simultaneous Factor 10 log(n) (Note: "n" is antenna number)	802.11b/g/BLE: 0dB		802.11ax-HE20/40: 3dB
	802.11n-HT20/40: 3dB		

A.6.1 Power Spectral Density Result

Mode	Centre Frequency (MHz)	Power Spectral Density (dBm)	Limit
802.11b	2412	-3.88	<8 dBm/3kHz
	2442	-2.47	
	2462	-4.66	
	2472	-6.53	
802.11g	2412	-7.41	
	2442	-2.58	
	2462	-8.03	
	2472	-12.29	
802.11n-HT20	2412	-5.39	
	2442	-1.80	
	2462	-6.09	
	2472	-13.58	
802.11n-HT40	2422	-8.76	
	2442	-8.84	
	2452	-8.25	
	2462	-14.25	
802.11ax-HE20	2412	-5.27	
	2442	-4.11	
	2462	-6.75	
	2472	-13.76	
802.11ax-HE40	2422	-8.42	
	2442	-9.22	
	2452	-10.90	
	2462	-11.58	

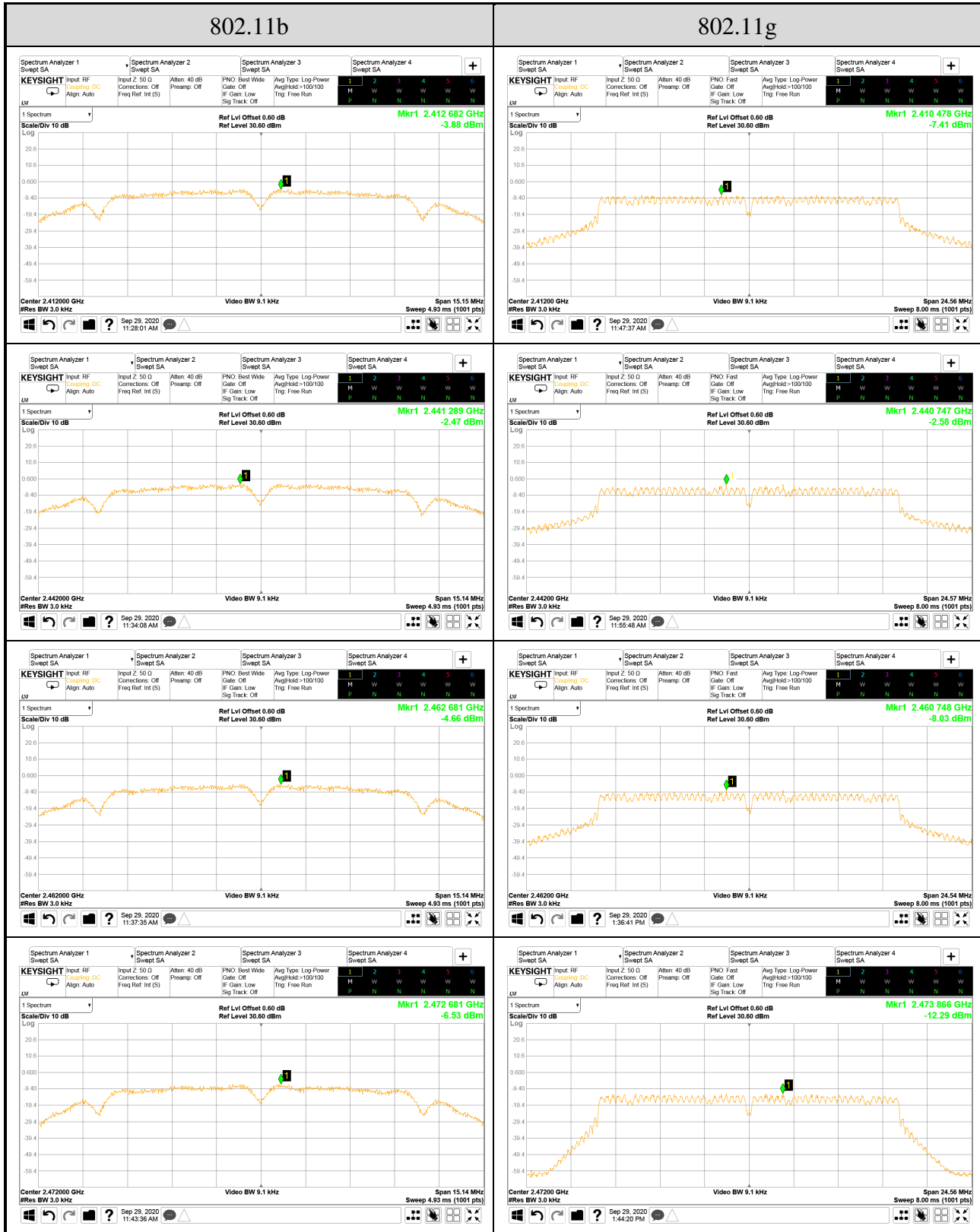
Note: All results have been included cable loss and Simultaneous Factor.

Mode	RU Configuration	Centre Frequency (MHz)	Power Spectral Density (dBm)	Limit
802.11ax-HE20	26/0	2412	5.22	<8 dBm/3kHz
	52/37		1.13	
	106/53		-2.79	
	26/8	2472	-11.43	
	52/40		-13.03	
	106/54		-12.17	
802.11ax-HE40	242/61	2422	-5.71	<8 dBm/3kHz
	242/62	2462	-13.49	

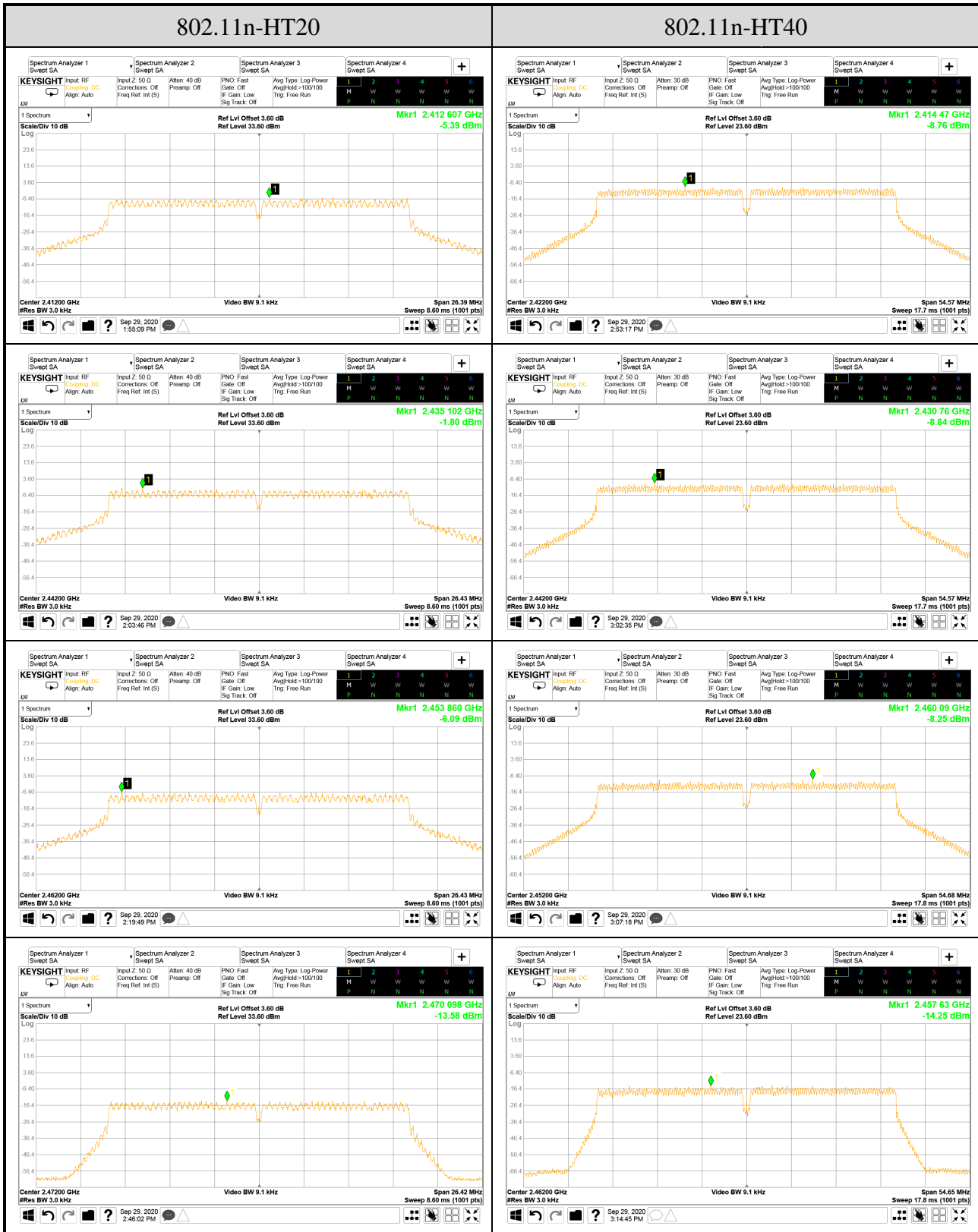
Mode	Centre Frequency (MHz)	Power Spectral Density (dBm)	Limit
BLE	2402	-9.78	<8 dBm/3kHz
	2440	-9.63	
	2480	-9.49	

Note: All results have been included cable loss and Simultaneous Factor.

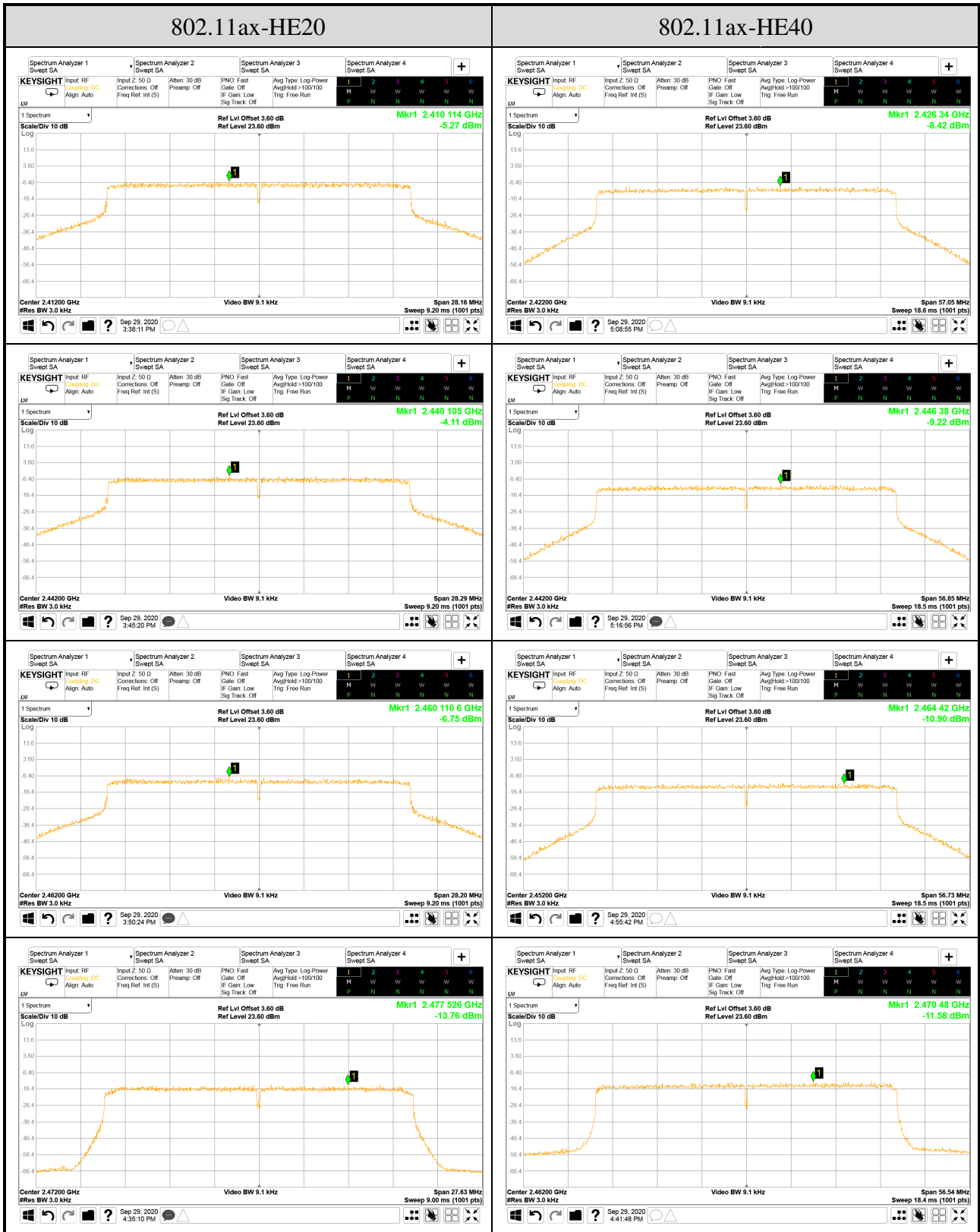
A.6.2 Measurement Plots



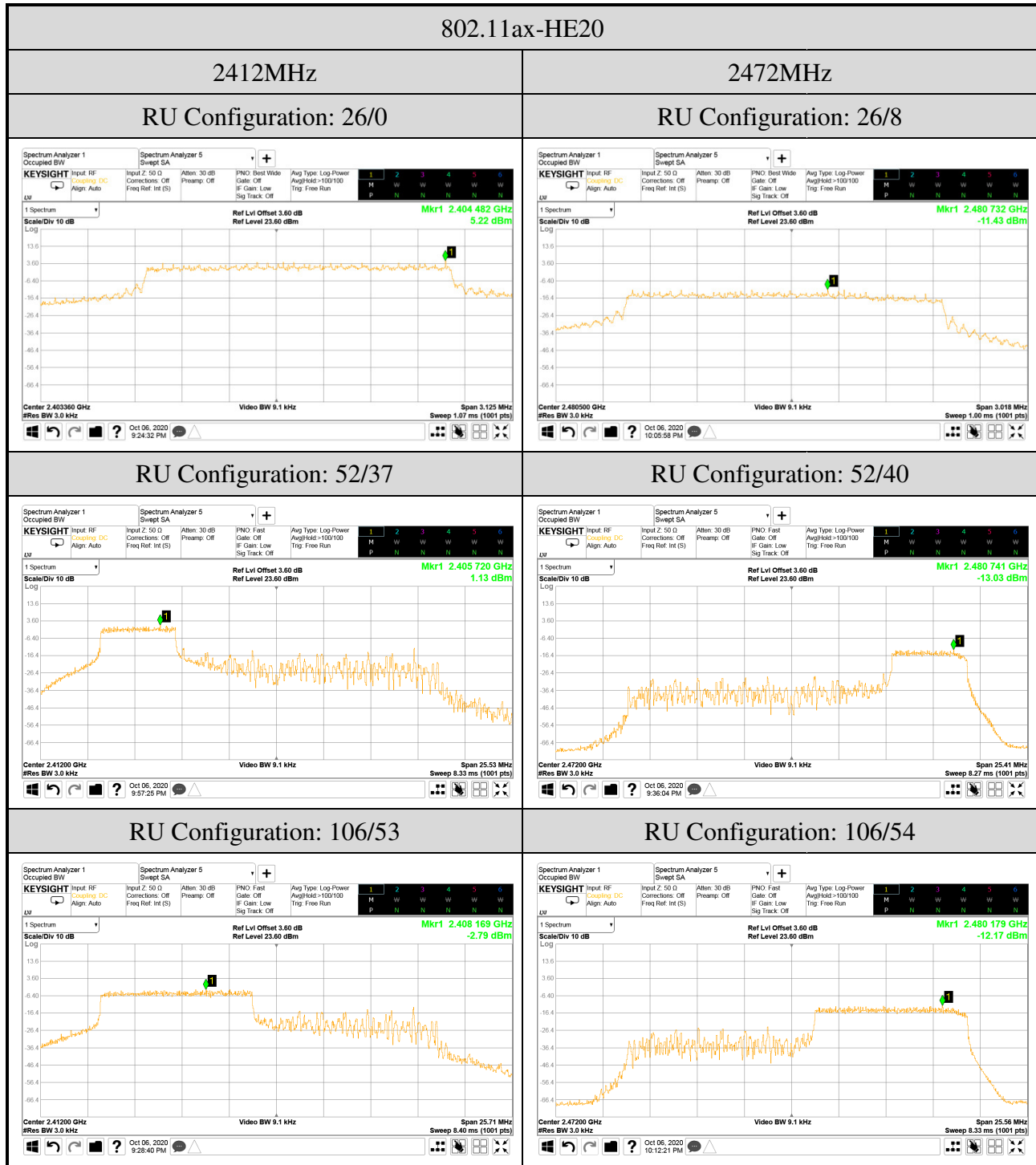
Note: All results have been included cable loss and Simultaneous Factor.



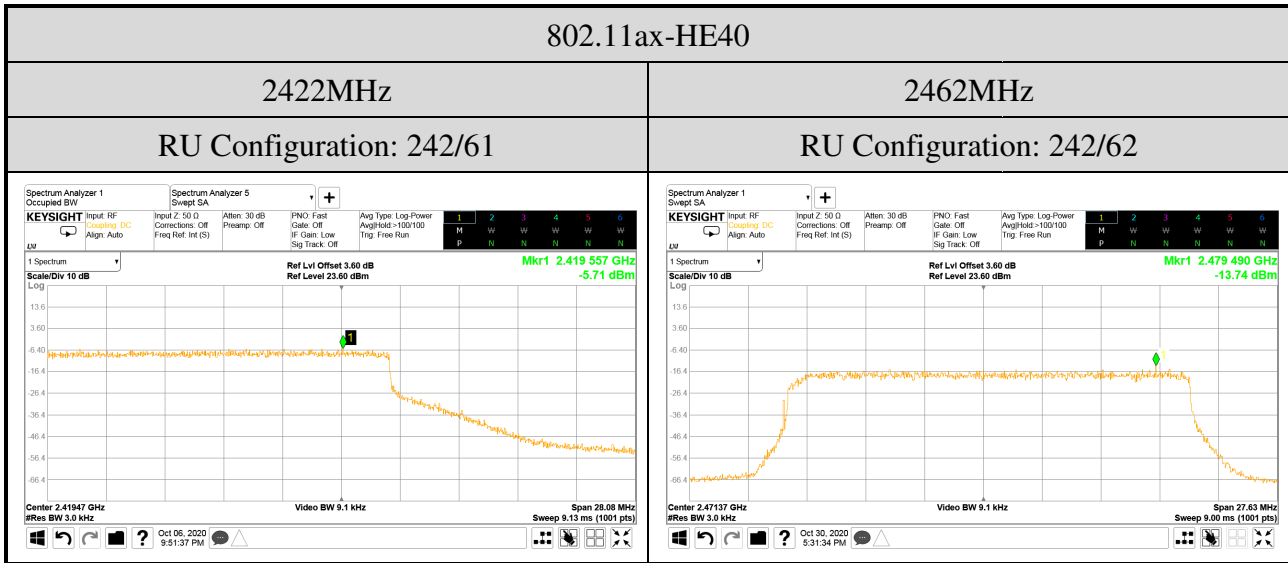
Note: All results have been included cable loss and Simultaneous Factor.



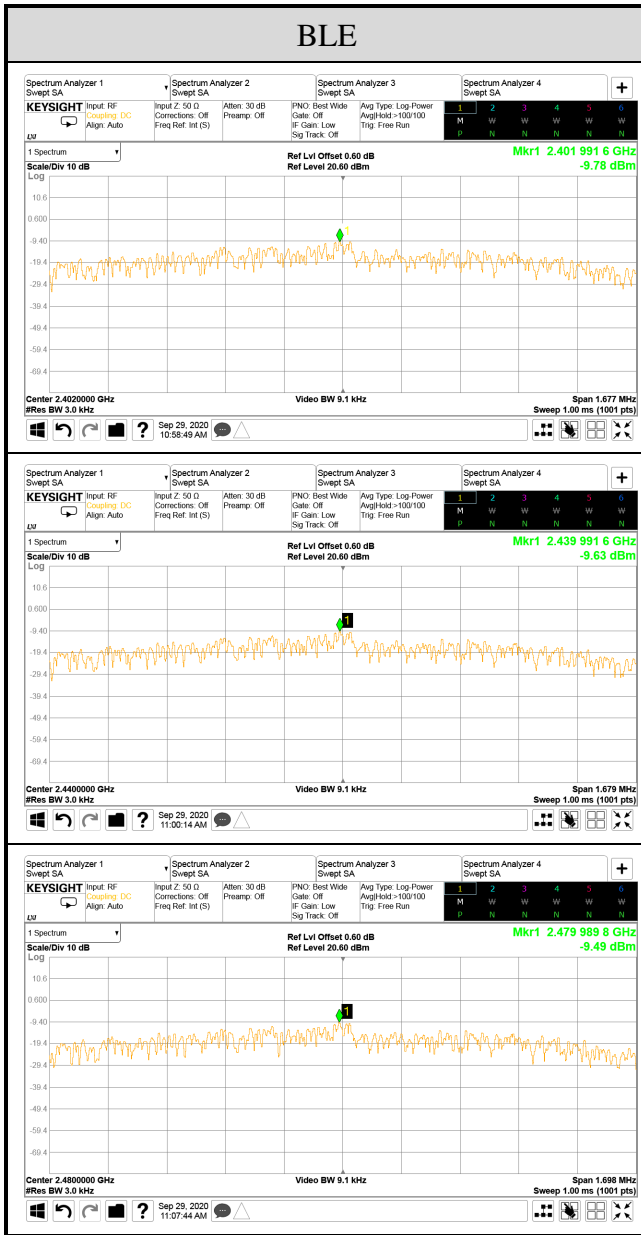
Note: All results have been included cable loss and Simultaneous Factor.



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APPENDIX B

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APPDNDIX B

TEST PHOTOGRAPHS

(Model: 13U70P)